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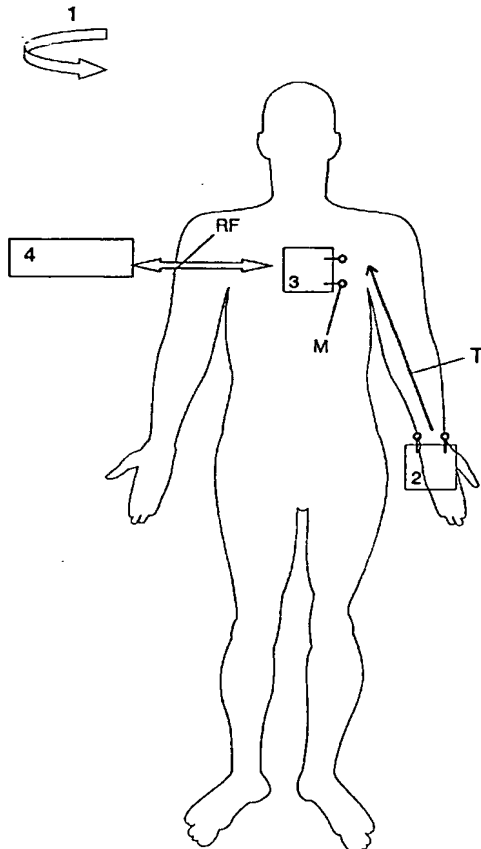
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(54) Title: **POWER SAVING UPLINK FOR BIOSENSORS**



(57) Abstract: A system for monitoring a physiological condition of an individual. The system (1) comprises sensing means (3) arranged to pick up a first signal (M) in a first mode of the system, said first signal being representative of the physiological condition and to forward the first signal to a signal processing unit (33). The system comprises an actuatable control unit (2) positioned remote from the signal processing unit, the control unit (2) being suitable to generate a second signal (T) arranged to be superimposed on the first signal (M). The signal processing unit (33, 37) is arranged to decode the second signal and to make the system enter into a second mode upon receipt of the second signal (T).